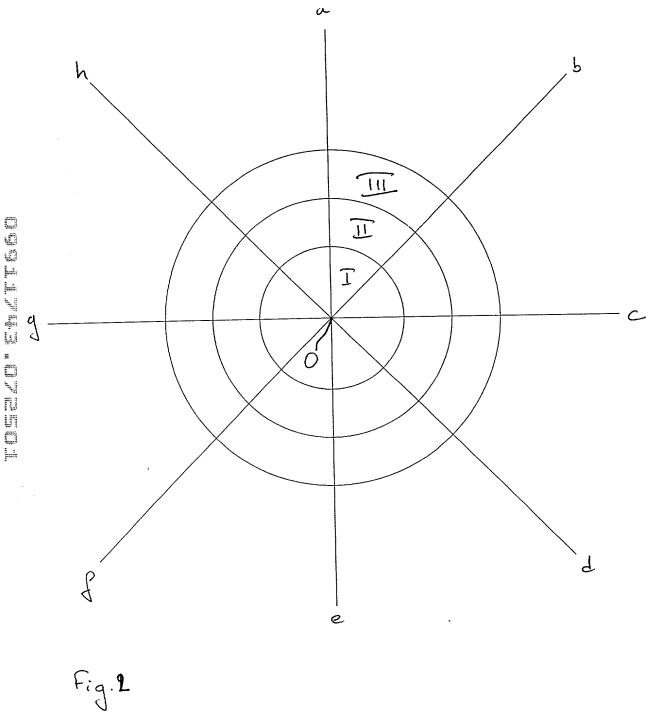
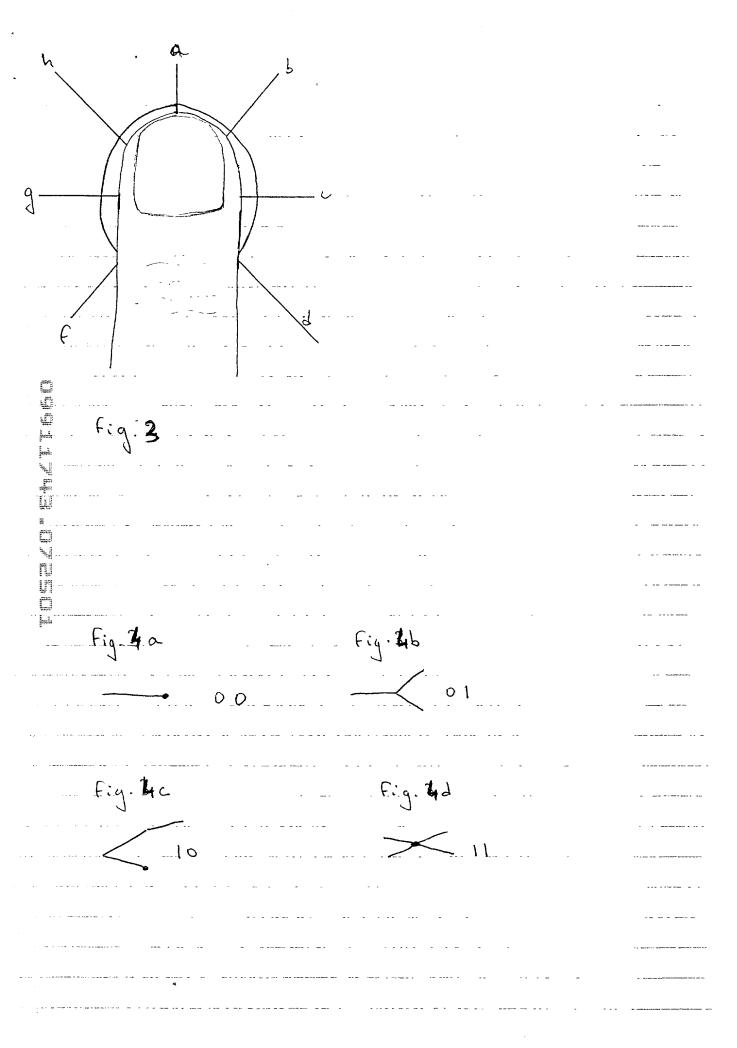


Fig. 1 Prior Art





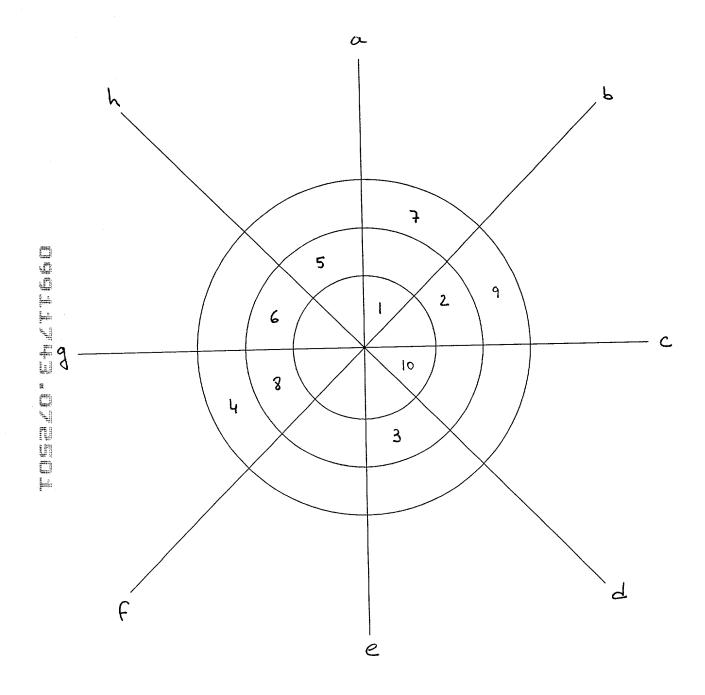
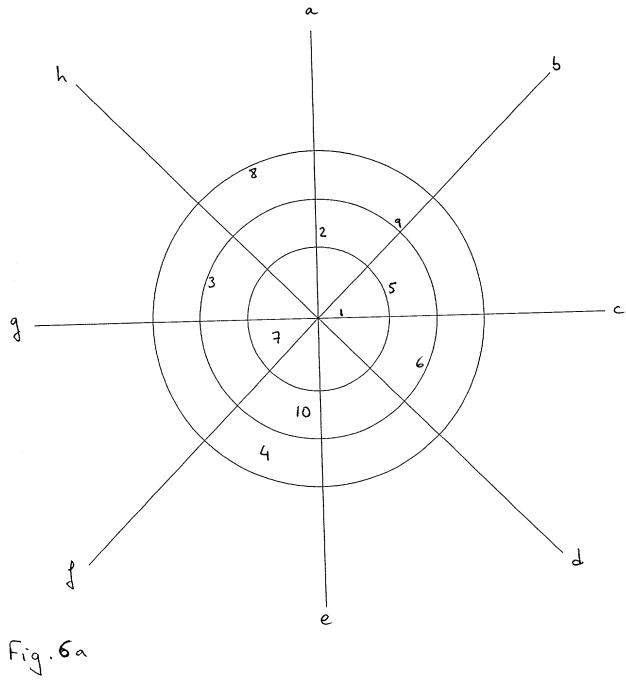
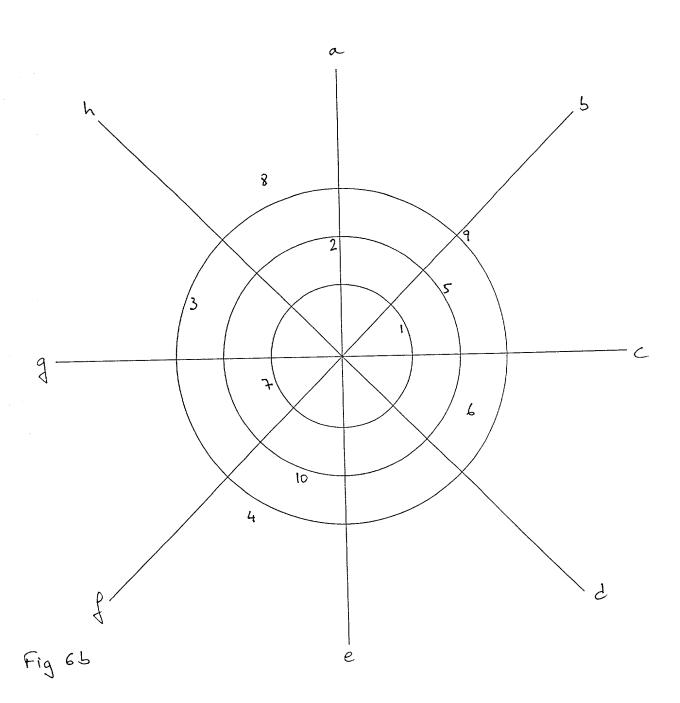


Fig. Sa

fig. 5b





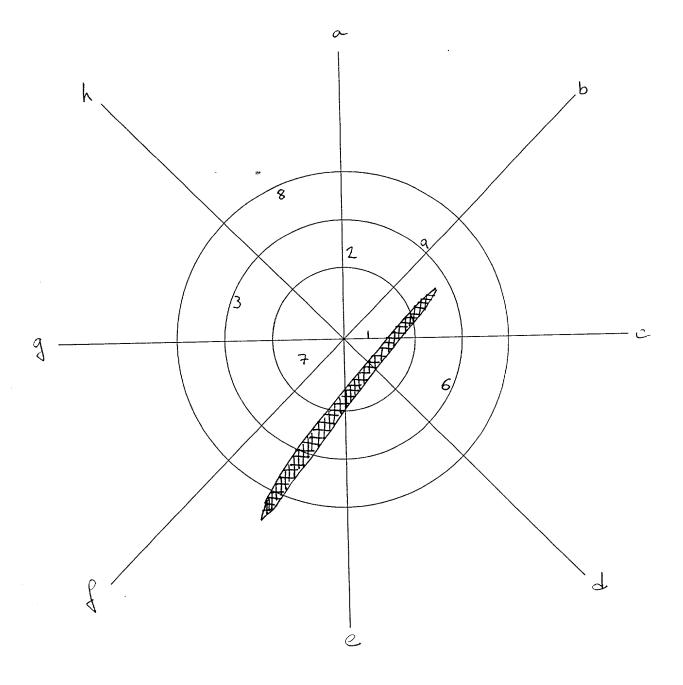
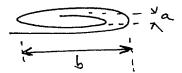


Fig.7.



## Enrollment

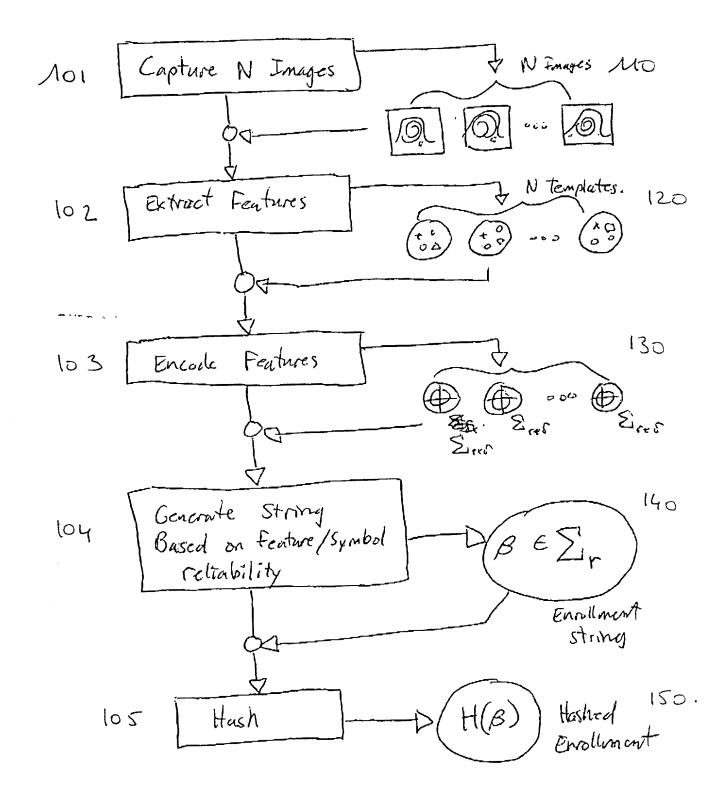


Fig.9

## Verification I (Against Chrollment) 210 201 Capture Image image 220 Extract Features 102 live template 230 203 Encode Features 240 204 X E Zitto Generate String 140 Brolled BEZr string D We Match $\beta \in B_{(s,\varepsilon,\kappa)}(\alpha)$

Match

Fig. 10

